The next generation in personal computing

IBM Personal System/2 Color Display 8512

Bold display of everyday business applications

Increase your graphics and text impact—for everything from bar graphs to business reports—with the IBM Personal System/2™ Color Display 8512. It turns everyday graphics into bold, bright statements that add interest to your work.

A new technology for a sharp, colorful picture. Like other IBM Personal System/2 displays, the 8512 Display uses a new standard—analog technology—to give you an almost unlimited choice of colors that enhance displayed graphics and images.

Colorful and contrasted for versatility. The 8512 Display supports a selection of over 256,000 colors—of which up to 256 can be displayed at a time on the 14-inch[1] screen. It's perfect for business charts, presentation graphics and text applications.

IBM

Highlights

The 8512 Display gives you full color capability for the lowest price in the IBM Personal System/2 Color Display line. It's an economical color display with the following features:

Analog technology provides an almost unlimited selection of colors for graphics.

High screen refresh rates reduce screen "flicker," making the display easy on the eyes during extended use.

0.41mm stripe pitch produces images that are clear and well-defined.

Medium addressability of 640 x 480 points gives you graphics with crispness and clarity.

Phosphors and high screen refresh rates combine to reduce "ghosts" and "smearing." Previously displayed text and graphics disappear quickly when you change screen content.

Up to 256 colors can be displayed at a time from a palette of over 256,000 colors.

Additional addressability supports software written for Color Graphics Monitor Adapter (CGA) and Enhanced Graphics Adapter (EGA) modes.

External contrast and brightness controls let you vary screen intensity.

Etched glass screen reduces glare from surrounding light sources—important in reducing fatigue and eyestrain.

What you get

The IBM Personal System/2 Color Display 8512 is packaged in one carton that also contains:

- Setup sheet
- Power cable
- Signal cable

Options

The 8512 Display is supported by the following options:

- *IBM Personal System/2 Display Adapter* raises the addressability of the IBM Personal System/2 Model 30 in text mode (character box from 8 x 16 to 9 x 16) and provides more colors (up to 16 in the 640 x 480 graphics mode) on the screen at one time. In addition, this adapter enables the IBM Personal System/2 Color Display 8512 to be used with IBM Personal Computers.
- *IBM Personal System/2 Display Adapter 8514/A* increases the functions on an IBM Personal System/2 Model 50, 60 or 80. When combined with its optional memory expansion kit, it offers a palette of over 256,000 colors, with 256 on-screen at a time, and enhances performance in the 640 x 480 graphics mode. Additional functions include programmable character fonts and line types, proportional spacing, hardware line draw, and patterned and multiple-shade area fill.
- *Tilt-and-swivel base* provides a "platform" for the 8512 Display and allows fingertip adjustment to the most comfortable viewing angle.

Warranty/Service

Every IBM product is built to meet high standards of quality and reliability. So you can count on the 8512 Display to perform smoothly year after year.

The 8512 Display is backed by a one-year limited warranty. And extended service terms are available from IBM and IBM Authorized Remarketers.

With an IBM Maintenance Agreement, you can arrange for on-site service.

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[1] Diagonal measurement.

IBM Personal System/2 Color Display 8512 at a glance

Description	A medium-addressability, 14-inch[1] stripe-pitch analog color display that offers thousands of colors. It uses high screen refresh rates to produce a steady picture
Addressability	9 x 16-dot character matrix (maximum); 720 x 400 dot matrix (text mode); 640 x 480 dot matrix (graphics mode)
Viewing area	Up to 25 lines of uppercase and lowercase text; 80 characters per line; approximately 9.44" W x 7.13" H (240mm x 180mm)
Screen	14" (diagonal measurement); etched to reduce glare
Colors	256 colors from a palette of over 256,000
Dimensions	Footprint: 14" x 15.5" (355mm x 394mm); Height: 14.6" (370mm) with optional stand; 12" (304mm) without stand
Weight	approx. 33 lbs. (15 kg)
Other features	Brightness, contrast and on/off controls
Supported systems	All IBM Personal System/2 models; the following IBM Personal Computers through the use of the optional IBM Personal System/2 Display Adapter: IBM Personal Computer AT® system, IBM Personal Computer XT™ system, IBM Personal Computer XT Model 286, and IBM Personal Computer

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